

WHAT IS CLAIMED IS:

1. A method of generating multimedia events using a short message service in a mobile communication system, comprising:

receiving an index corresponding to a multimedia event selected by an originating mobile station and an identification number of a receiving mobile station from said originating mobile station;

checking whether said receiving mobile station already contains data corresponding to said index using a short message service center; and

transmitting said index to said receiving mobile station if said receiving mobile station already contains said data.

2. The method of claim 1, further comprising transmitting both of said index and said data to said receiving mobile station if said receiving mobile station does not contain said data.

3. The method of claim 2, further comprising indicating in said receiving mobile station that said data are transmitted when said data transmission is completed.

4. The method of claim 2, further comprising indicating at said short message service center that said receiving mobile station now contains said data corresponding to said index when said data transmission is completed.

5. The method as of claim 1, wherein said short message service center contains a data pool related to every multimedia event including a corresponding data and index for said every multimedia event, and said short message service center shares information in said data pool with other mobile stations.

6. The method as of claim 1, wherein a database at said short message service center includes each corresponding data and index for a plurality of multimedia events, and said short message service center shares information in said database with other mobile stations.

7. The method of claim 1, wherein Multimedia Teleservice is added as a new teleservice option to a transport layer of said short message service.

8. The method of claim 7, wherein a designated User Data sub-parameter of a teleservice layer located under said transport layer of said short message service includes a prescribed field that consists of a first byte representing a total number of

packets required to send said data corresponding to said selected multimedia event, a  
5 second byte representing a number of a current packet, a third byte representing a  
current data index, a fourth byte representing a type of said multimedia event and fifth  
and higher bytes storing said data.

9. The method of claim 8, wherein the multimedia type is one of image and  
sound, and wherein the prescribed field is a CHARi field.

10. The method of claim 8, wherein the User Data sub-parameter is  
transmitted with only the third byte being non-zero.

11. The method of claim 7, wherein a designated sub-parameter of a teleservice  
layer located under said transport layer of said short message service includes a total  
number of packets needed to send said data, a number of a current packet, a current  
data index and at least some of said data.

12. A method for generating multimedia events using a short message service  
in a mobile communication system comprising:

selecting a multimedia event subjected to be transmitted to a receiving mobile  
station by an originating mobile station;

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transmitting an index corresponding to the selected multimedia event and an identification number of the receiving mobile station from the originating mobile station to a short message service center (SMC);

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determining whether the receiving mobile station contains data corresponding to the selected event by the short message service center (SMC) using the index and a database of the SMC; and

transmitting only the index corresponding to the selected multimedia event from the short message service center (SMC) to the receiving mobile station if the receiving mobile station already contains the data.

13. The method of claim 12, further comprising transmitting both of said index and said data to said receiving mobile station when said receiving mobile station does not contain said data.

14. The method as of claim 12, wherein said database of said short message service center includes each corresponding data and index for a plurality of multimedia events, and said short message service center shares information in said database with other mobile stations.

15. The method of claim 12, wherein a Multimedia Teleservice is added as a new teleservice option to a transport layer of said short message service.

16. The method of claim 15, wherein a designated User Data sub-parameter of a teleservice layer located under said transport layer of said short message service includes a prescribed field that includes a first byte representing a total number of packets required to send said data corresponding to said selected multimedia event, a second byte representing the number of a current packet, a third byte representing a current data index, a fourth byte representing a type of said multimedia event and fifth and higher bytes storing said data.

17. The method of claim 16, wherein the designated User Data sub-parameter is transmitted with only the third byte being no-zero.